

Title (en)

Waterproof and breathable composite film, and waterproof and breathable composite fabric

Title (de)

Wasserdichter und Atmungsaktiver mehrschichtiger Folien-verbund und wasserdampfdurchlässiges und wasserdichtes Verbundgewebe

Title (fr)

Feuille stratifiée et tissu composite, perméables à l'air et imperméables à l'eau

Publication

**EP 1568485 B1 20100908 (EN)**

Application

**EP 05251132 A 20050225**

Priority

JP 2004051848 A 20040226

Abstract (en)

[origin: EP1568485A1] A composite film having an abrasion-resistant layer on one side of a flexible base material that is waterproof and permeable to water vapor, wherein the waterproof moisture-permeable composite film is characterized in that the flexible base material contains a polar polymer, and the abrasion-resistant layer contains a cross-linked polyamide resin. <IMAGE>

IPC 8 full level

**B32B 3/30** (2006.01); **A41D 31/00** (2006.01); **A41D 31/02** (2006.01); **A47G 9/08** (2006.01); **B32B 7/14** (2006.01); **B32B 27/12** (2006.01); **B32B 27/34** (2006.01); **C08G 18/10** (2006.01); **C08G 18/32** (2006.01); **C08J 7/04** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP KR US)

**A41D 31/102** (2019.01 - EP KR US); **A41D 31/245** (2019.01 - EP KR US); **A47G 9/086** (2013.01 - EP KR US); **B32B 7/14** (2013.01 - EP KR US); **B32B 27/08** (2013.01 - KR US); **B32B 27/12** (2013.01 - EP KR US); **B32B 27/322** (2013.01 - KR US); **B32B 27/34** (2013.01 - KR US); **C08G 18/10** (2013.01 - EP KR US); **C08G 18/3262** (2013.01 - EP KR US); **C08J 7/0427** (2020.01 - KR US); **D06M 17/00** (2013.01 - EP); **D06N 3/0059** (2013.01 - EP); **B32B 2305/024** (2013.01 - KR US); **B32B 2307/554** (2013.01 - KR US); **B32B 2307/724** (2013.01 - KR US); **B32B 2307/7265** (2013.01 - KR US); **B32B 2327/18** (2013.01 - KR US); **B32B 2437/00** (2013.01 - KR US); **C08J 2477/00** (2013.01 - EP KR US); **Y10T 428/249978** (2015.04 - EP US); **Y10T 428/249987** (2015.04 - EP US); **Y10T 428/249991** (2015.04 - EP US); **Y10T 442/2139** (2015.04 - EP US); **Y10T 442/2148** (2015.04 - EP US); **Y10T 442/2221** (2015.04 - EP US); **Y10T 442/273** (2015.04 - EP US)

Cited by

EP2088230A1; ITBO20100507A1; EP2116373A4; EP2063017A4; US2020344958A1; US11957092B2; US10414138B2; US9981454B2; WO2010132082A1; US8163662B2; US9040436B2; US9084447B2; US9215900B2; WO2008102483A1; US9006117B2; US9089172B2; US9215897B2

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**EP 1568485 A1 20050831**; **EP 1568485 B1 20100908**; AT E480396 T1 20100915; CN 1324190 C 20070704; CN 1699684 A 20051123; DE 602005023365 D1 20101021; JP 2005238648 A 20050908; JP 5153991 B2 20130227; KR 101107350 B1 20120119; KR 20060043210 A 20060515; US 2005191920 A1 20050901

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